

LONE MOUNTAIN PRODUCTION COMPANY

P.O. BOX 3394
408 PETROLEUM BUILDING
BILLINGS, MONTANA 59103-3394
(406) 245-5077

March 25, 1987

DIVISION OF OIL, GAS & MINING
STATE OF UTAH
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180



Attention: Ron Firth

DIVISION OF
OIL, GAS & MINING

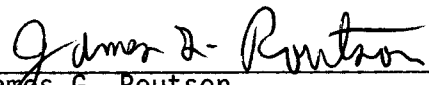
Dear Ron:

Enclosed for your approval please find, in duplicate, two APD's covering the drilling of our Quinoco Federal No. 11-3 and No. 11-10 wells in Grand County, Utah. We hope to drill these wells in mid-May, so your expedient handling of these APD's is appreciated. Please contact Ken Currey to set up on-site inspections.

Please advise if any further information is required. Thank you.

Very truly yours,

LONE MOUNTAIN PRODUCTION COMPANY


James G. Routson

JGR/lw

Enclosures

xc: Ken Currey

3

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐

GAS
WELL ☒

OTHER

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Lone Mountain Production Company

3. ADDRESS OF OPERATOR

408 Petroleum Building, P.O. Box 3394, Billings, Montana 59103

4. LOCATION OF WELL (Report location clearly and in accordance with State Regulations)
At surface

888' FNL, 2050' FWL

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE

24 miles northwest of Mack, Colorado

15. DISTANCE FROM PROPOSED* Lease Line: 432'

LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. Drilling Unit: 590'

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

None

19. PROPOSED DEPTH

6000'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

7061' GL, 7072' KB

22. APPROX. DATE WORK WILL START*

May 31, 1987

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8" new	32.30# L.S.	200'	150 sacks Class "G" (to surface)
8 3/4"	7" new	20# L.S.	2300'	150 sacks 50-50 Pozmix
6 1/4"	4 1/2" new	11.6#	6000'	175 sacks RFC

1. Surface formation is the Mesaverde.

2. Anticipated geologic markers are: Castlegate 2091', Mancos 2231', Dakota Silt 5631', Dakota Sand 5746', Morrison 5889'.

3. Gas is anticipated in the Dakota and Morrison. No oil or other minerals are anticipated. Minor water sands are expected in the Mesaverde.

4. Proposed casing program: See Item No. 23 above.

5. Pressure control equipment: See attached well control plan and schematic of drilling contractor's BOP stack. BOPs will be tested before drilling out from under surface casing and checked daily.

(Continued on page 2)

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

James R. Roulton

TITLE

Petroleum Engineer

DATE March 25, 1987

(This space for Federal or State office use)

PERMIT NO.

43-019-31240

APPROVAL DATE

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

DATE 4-6-87

BY: John R. Burr

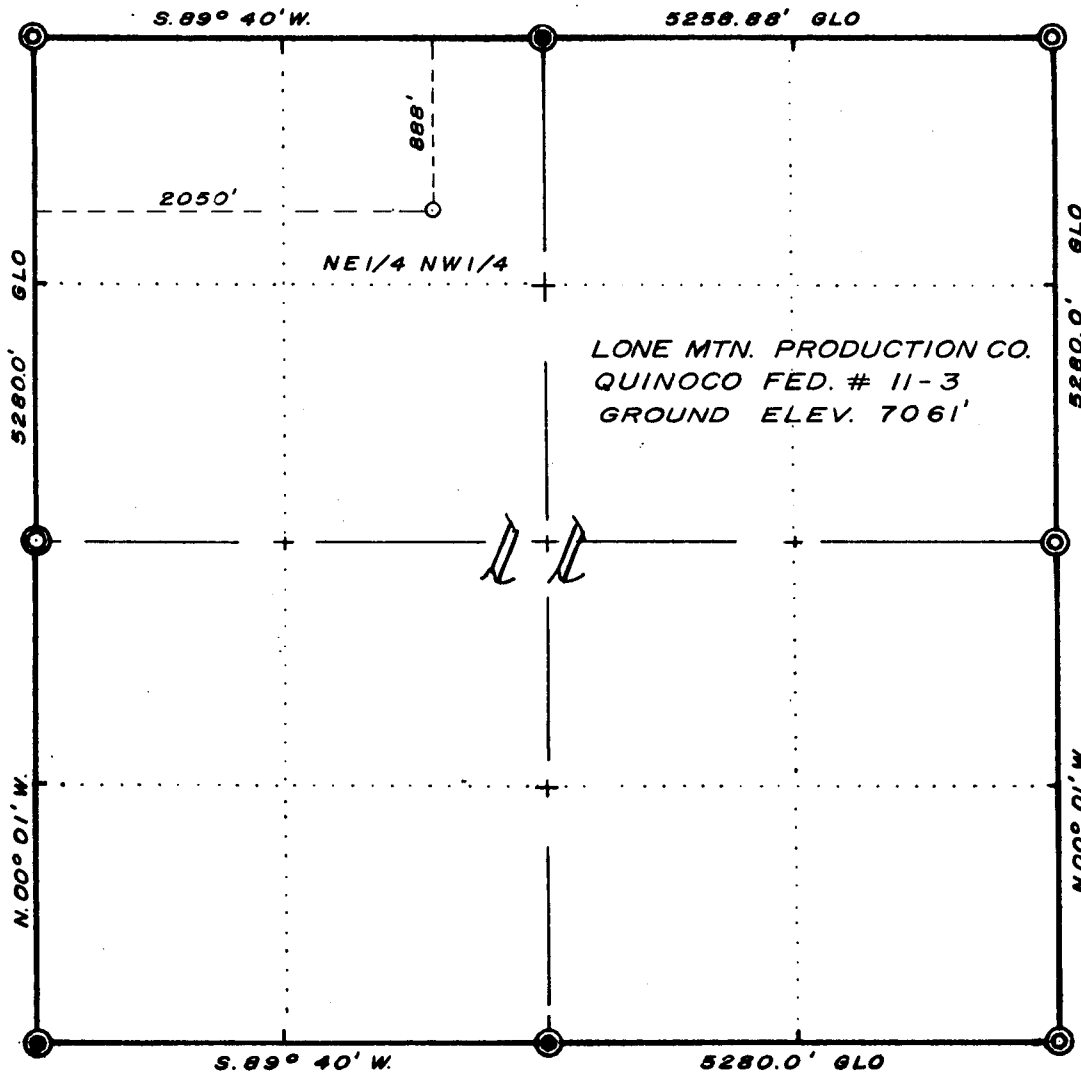
WELL SPACING: 13-6 8/28/86

*See Instructions On Reverse Side

6. Air or mist drilling will be used to drill the surface hole and intermediate hole unless water is encountered. If water is encountered, chemical gel-type mud will be used. The well will be air drilled from under intermediate casing to total depth.
7. Auxiliary equipment: See well control plan.
8. The logging program will consist of a DIL log from TD to base of intermediate casing, GR-FDC-CNL logs from TD to 500' above the Dakota Silt, and a cased hole GR-CNL from 2400' to 1900'. No cores or DSTs are planned.
9. No abnormal pressures or temperatures are anticipated. No poisonous gas is anticipated.
10. Anticipated spud date is May 31, 1987. Completion operations should commence within 30 days of rig release.
11. Survey plats are attached.
12. The gas is dedicated to Southwest Gas Company.
13. Lone Mountain is the designated successor operator for the communitized N $\frac{1}{2}$ of Section 11. Forms were filed last year when Lone Mountain reworked the Federal No. 11-6 well.
14. Lone Mountain has obtained a treasury note held in the BLM account in Denver, Colorado, in lieu of a statewide bond. Other owners under the communitized area are Quinoco and Ferguson, both of whom are bonded.

SEC. 11, T. 17 S., R. 24 E. OF THE S.L.B.M.

LOCATION PLAT



LEGEND

- STANDARD LOCATION OF GLO SECTION CORNERS
- GLO CORNERS FOUND
- WELL LOCATION STAKED.

REFERENCE DOCUMENTS

- 1926 GLO PLAT
- BRYSON CANYON, UTAH QUADRANGLE, USGS

THIS WELL LOCATION PLAT WAS PREPARED FOR LONE MTN. PRODUCTION CO. TO LOCATE THE QUINOCO FEDERAL # 11-3, 888' F.N.L. 2050' F.W.L. IN THE NE 1/4 NW 1/4, OF SECTION 11, T. 17 S., R. 24 E OF THE S.L.B.M GRAND COUNTY, UTAH

SURVEYOR'S CERTIFICATE

I, LARRY D. BECKER A REGISTERED LAND SURVEYOR IN THE STATE OF UTAH DO HEREBY CERTIFY THAT THIS SURVEY WAS MADE UNDER MY DIRECT SUPERVISION AND THAT THIS PLAT REPRESENTS SAID SURVEY.

Larry D. Becker
UTAH L.S. # 4189

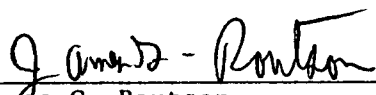
SURVEYED	3/2/87	ENERGY SURVEYS & ENGINEERING CORP.	715 HORIZON DRIVE, SUITE 330 GRAND JUNCTION, CO 81501 (303) 245-7221	SCALE 1" = 1000'
DRAWN	3/5/87			JOB NO.
CHECKED	3/5/87			SHEET OF

WELL CONTROL PLAN

1. Surface Casing: 9-5/8" O.D., 32.3 #/ft., L.S., Short T&C, set at 200' or deeper, cemented with pump and plug method back to the surface or bottom of cellar.
2. Casinghead Flange: 9-5/8" x 10"-900 series casinghead with two 2"-2000 psi L.P. outlets.
3. Intermediate Casing: 7", 20#, L.S., set at 2300' and cemented with 150 sacks.
4. Blowout Preventor: A 10" 3000 psig W.P. double gate hydraulic shaffer BOP (or equivalent) with drillpipe rams and blind rams. All fill, kill and choke lines will be minimum of 2" 2000 psi W.P. A Grant rotating head will be used while air and mist drilling. A new rubber will be installed prior to drilling through the Dakota. BOP's will be worked daily. Blind rams will be checked during trips. BOP's will be tested to 1000 psi prior to drilling shoe joint on surface casing and intermediate casing.
5. Auxiliary Equipment: (a) Drill pipe floats will be allowed at contractor's discretion. (b) Visual monitoring of air returns will be maintained. (c) Upper kelly cock will be used. (d) Stabbing valve will be kept on floor.
6. Anticipated bottom hole pressure is less than 1000 psi at 5746' or a gradient of .174psi/ft or less. No abnormal temperatures or hydrogen sulfide gas are anticipated.

LONE MOUNTAIN PRODUCTION COMPANY

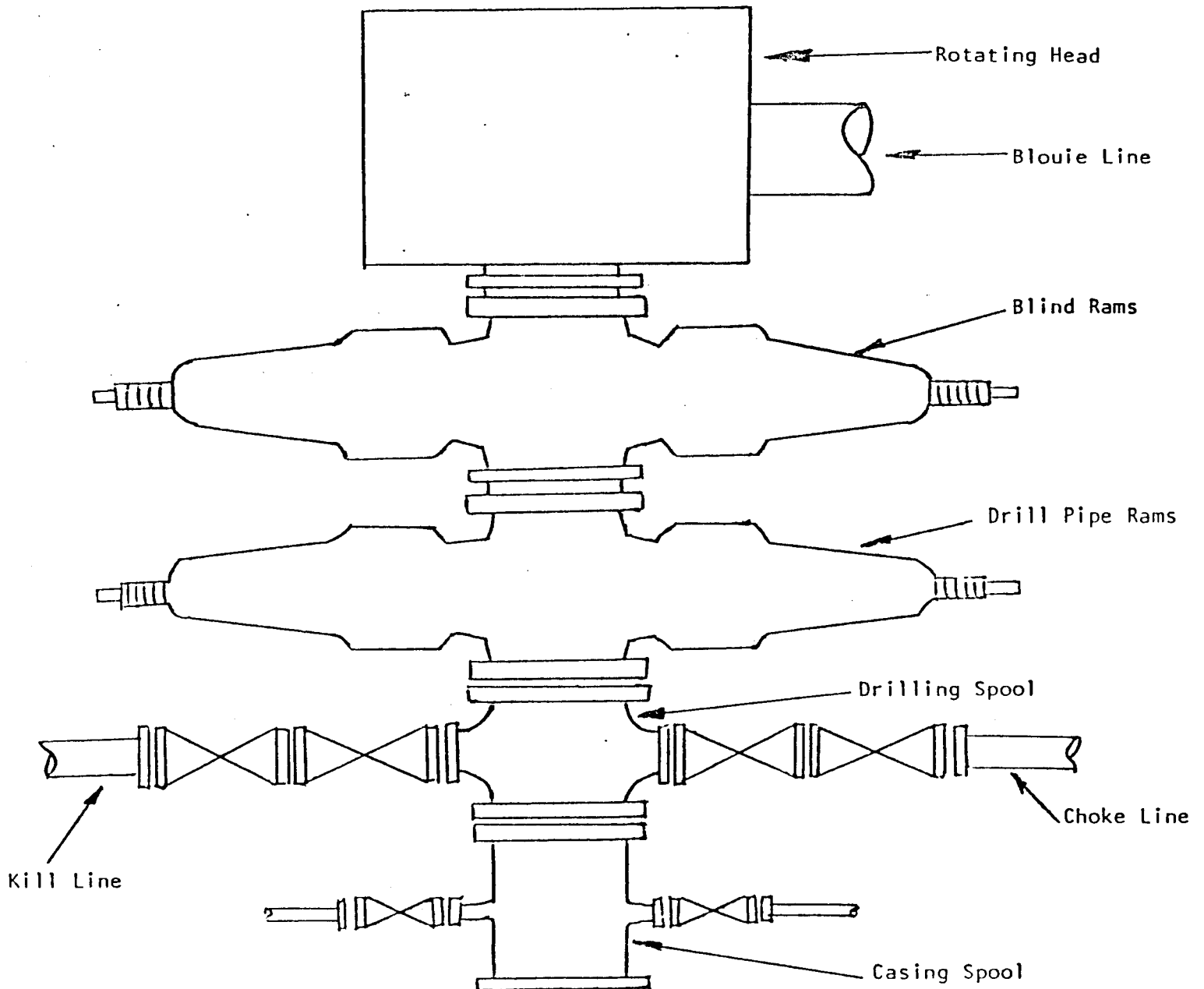
By:


James G. Routson
Petroleum Engineer

SCHEMATIC OF BOP STACK

Air drilled wells using 900 series wellhead equipment.

Interval from 200' to total depth.



Surface Use Program
Lone Mountain Production Company
Quinoco Federal No. 11-3
NE $\frac{1}{4}$ NW $\frac{1}{4}$ Section 11, T17S, R24E
Grand County, Utah

1. Existing Roads

See Maps #1 and #2 and Plat #1. This proposed well is located approximately 20 miles north of the I-70 Highway Westwater Interchange atop Bryson Ridge. It is reached by going north and east 1.4 miles from the interchange to the East Canyon Road. Then turn left and go northwest 5.6 miles to the "T" intersection. Then turn right and go 10.6 miles up the Bryson Ridge Road to the well location.

The existing gravel and dirt roads are Grand County roads. Lone Mountain Production Company will share maintenance on those roads with Grand County and the other oil and gas operators in the area.

2. Access Roads to be Constructed

See Map #1 and Plat #2. The proposed new road consists of a short 60-foot approach road to the left side of the main Bryson Ridge road. It will be constructed as part of the southeast corner of the well pad.

3. Location of Existing Wells

See Map #3. There are six producing wells, two temporarily abandoned wells, and one proposed location within one mile of the proposed location.

4. Location of Production Facilities

a) On Well Pad. See Plat #4. (Paint everything dark green.)

5. Location and Type of Water Supply

The water source for this well is West Salt Creek. The pickup point is on Old Highway 6 & 50 about 2.5 miles west of Mack, Colorado. The water will be hauled over the well access road.

6. Source of Construction Materials

No construction materials will be used other than native materials. Soil from cuts will be used in fills. No outside material will be brought in.

7. Methods for Handling Waste Disposal

Cuttings will be buried in the reserve pit at cleanup. Garbage and other waste material will be contained in a trash cage. This

cage will be dumped at an approved sanitary landfill. Human waste will be disposed of in chemically treated sanitary pits.

Drilling fluids will be contained in the reserve pit and left to evaporate. Any fluids produced during testing operations will be collected in a test tank. If a test tank is not available, the fluids will be contained in the reserve pit. Any spills of oil, gas, salt water, or noxious fluid will be cleaned up and removed.

If the well is productive, produced water will be disposed of on site for 30 days only or 90 days with the permission of the State Petroleum Engineer. After that time application will be made for approval of permanent disposal method in compliance with the rules and regulations of the State of Utah.

8. Ancillary Facilities

No ancillary facilities are planned.

9. Wellsite Layout

See Plat #2 - Pit and Pad Layout

See Plat #2A - Cross Sections of Pit and Pad

See Plat #3 - Rig Layout

The location will be constructed large enough to accommodate the drilling rig and associated equipment with allowance made for future completion and fracturing equipment.

The location construction will begin by stripping and stockpiling all available (4-6") topsoil. The stockpile will be along the north end of the location.

The reserve pit will be constructed along the west side of the well pad. The pit will be fenced on three sides during drilling and closed on the fourth side at rig release. The fence will be maintained through completion and while the pit area is drying.

10. Plans for Reclamation of the Surface

If the well is productive, the reserve pit will be allowed to dry and then backfilled. All of the area not necessary for production will be resloped, covered with available topsoil, and revegetated using a seed formula supplied by the Bureau of Land Management.

If the well is abandoned, the entire area of disturbance will be returned to a reasonable contour approximating the topography of the surrounding area. The topsoil will be distributed over the recontoured area and revegetated using the appropriate seed formula.

Surface Use Program - Page 3

Cleanup will begin after completion rig release and resloping should begin by the Fall of 1987.

11. Surface Ownership

All lands involving new construction are federal lands.

12. Other Information

The vegetation is sparse and includes juniper, sagebrush, western wheatgrass, Indian rice grass, and a few annual plants. A cultural resource survey of this well is being done and the report will be filed with BLM-Moab.

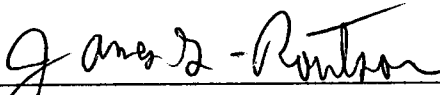
13. Lessee's or Operator's Representatives and Certification

James G. Routson
Lone Mountain Production Company
P. O. Box 3394
Billings, Montana 59103
Office Phone: 406 - 245-5077
Home Phone: 406 - 245-8797

Ken Currey
Field Consultant
P. O. Box 1491
Fruita, Colorado 81521
Office/Home Phone: 303 - 858-3257
Mobile Phone: 303 - 245-3660, Unit 6258

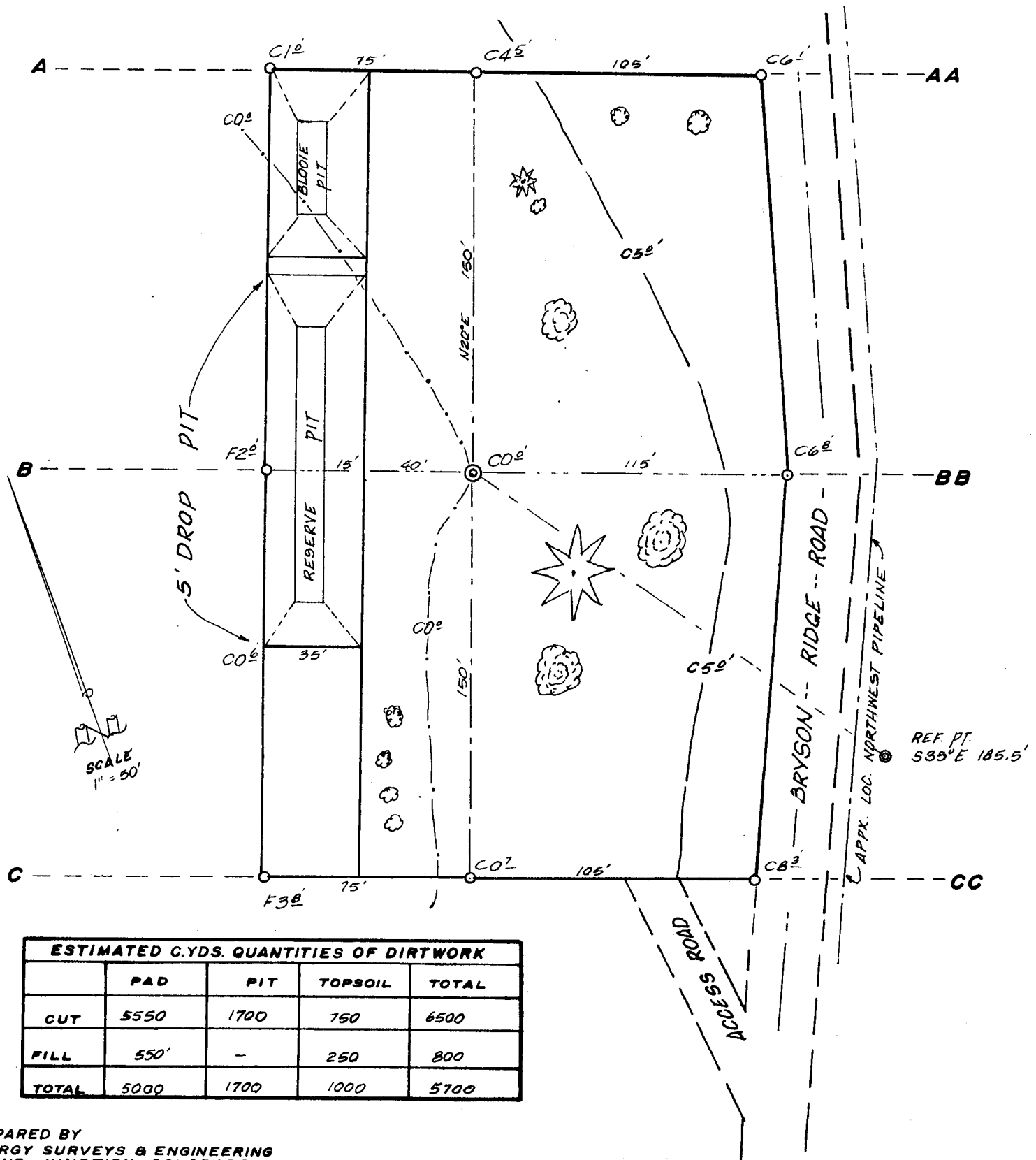
I hereby certify that I, or persons under my supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are to the best of my knowledge true and correct; and that the work associated with operations proposed herein will be performed by Lone Mountain Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

March 25, 1987
Date


James G. Routson

PLAT # 2
PIT & PAD LAYOUT

LONE MOUNTAIN PRODUCTION CO.
QUINOCO FEDERAL # 11-3



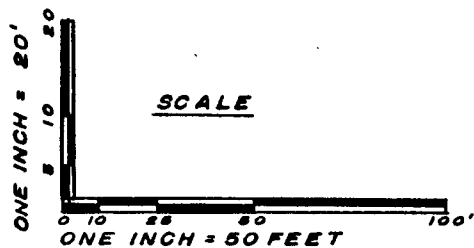
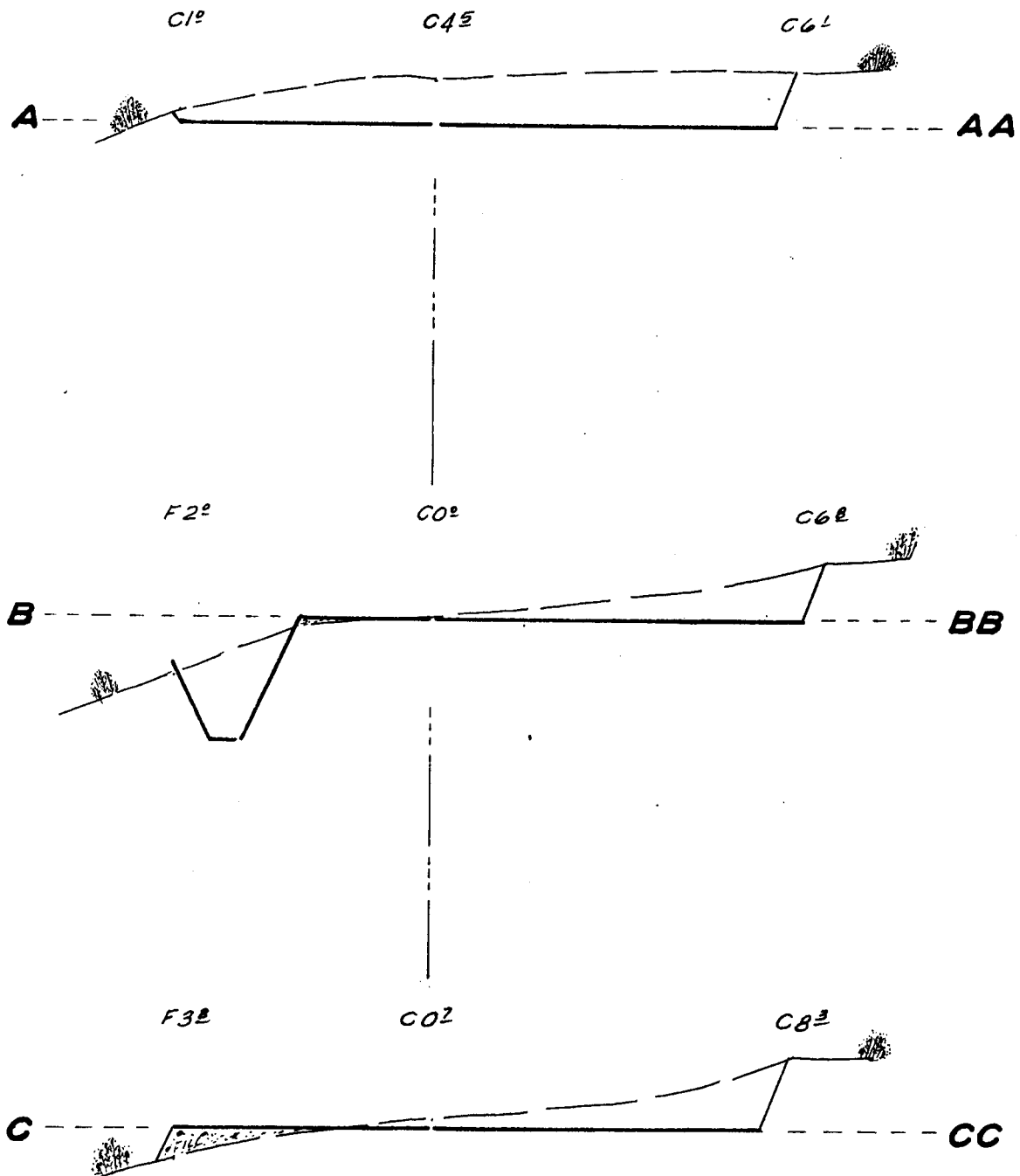
ESTIMATED C.YDS. QUANTITIES OF DIRTWORK

	PAD	PIT	TOPSOIL	TOTAL
CUT	5550	1700	750	6500
FILL	550	-	250	800
TOTAL	5000	1700	1000	5700

PREPARED BY
ENERGY SURVEYS & ENGINEERING
GRAND JUNCTION, COLORADO

PLAT NO. 2A

CROSS SECTIONS
OF PIT & PAD

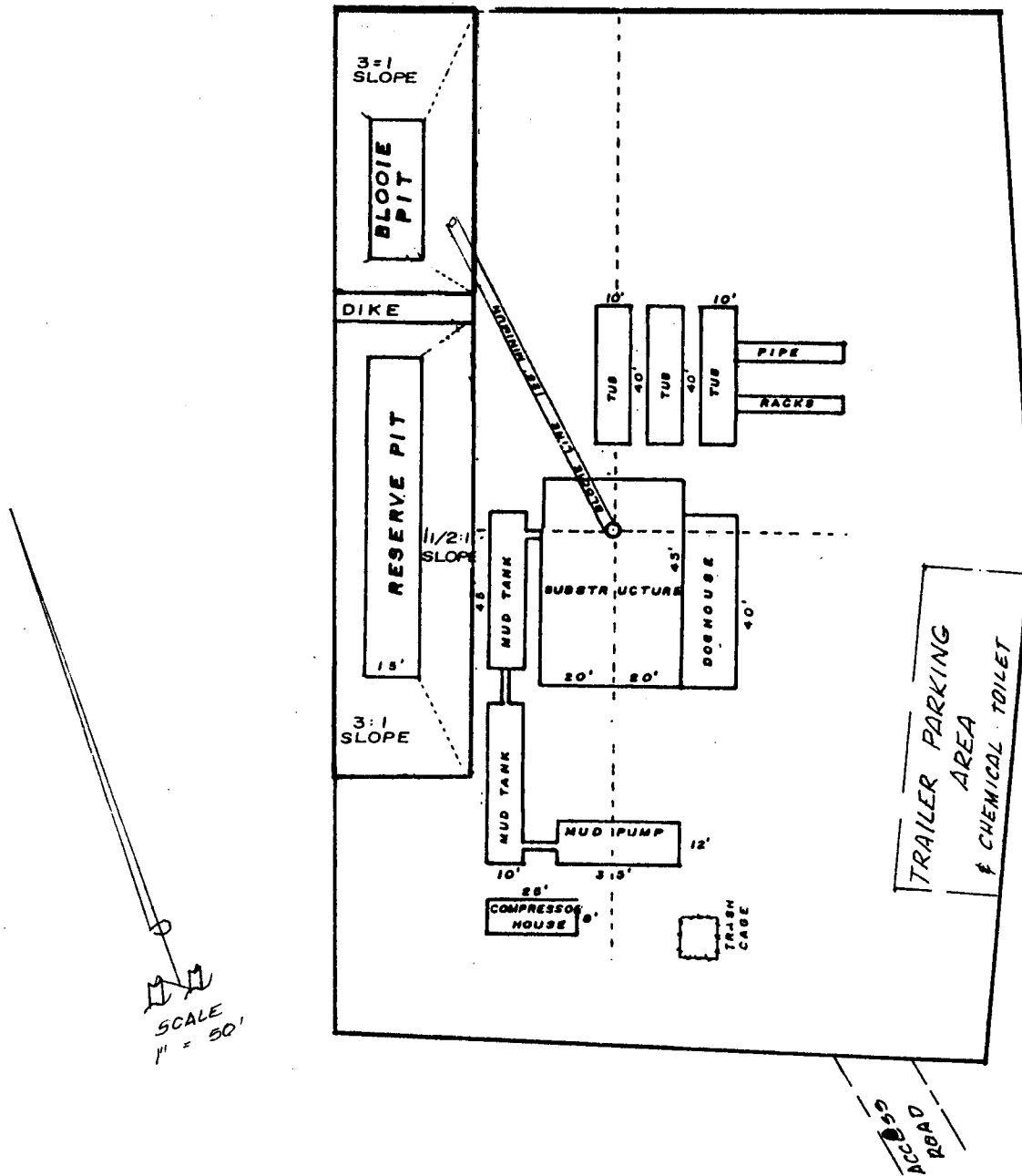


LONE MOUNTAIN PRODUCTION CO.

QUINOCO FEDERAL # 11-3

PREPARED BY ENERGY SURVEYS & ENGINEERING CORP.

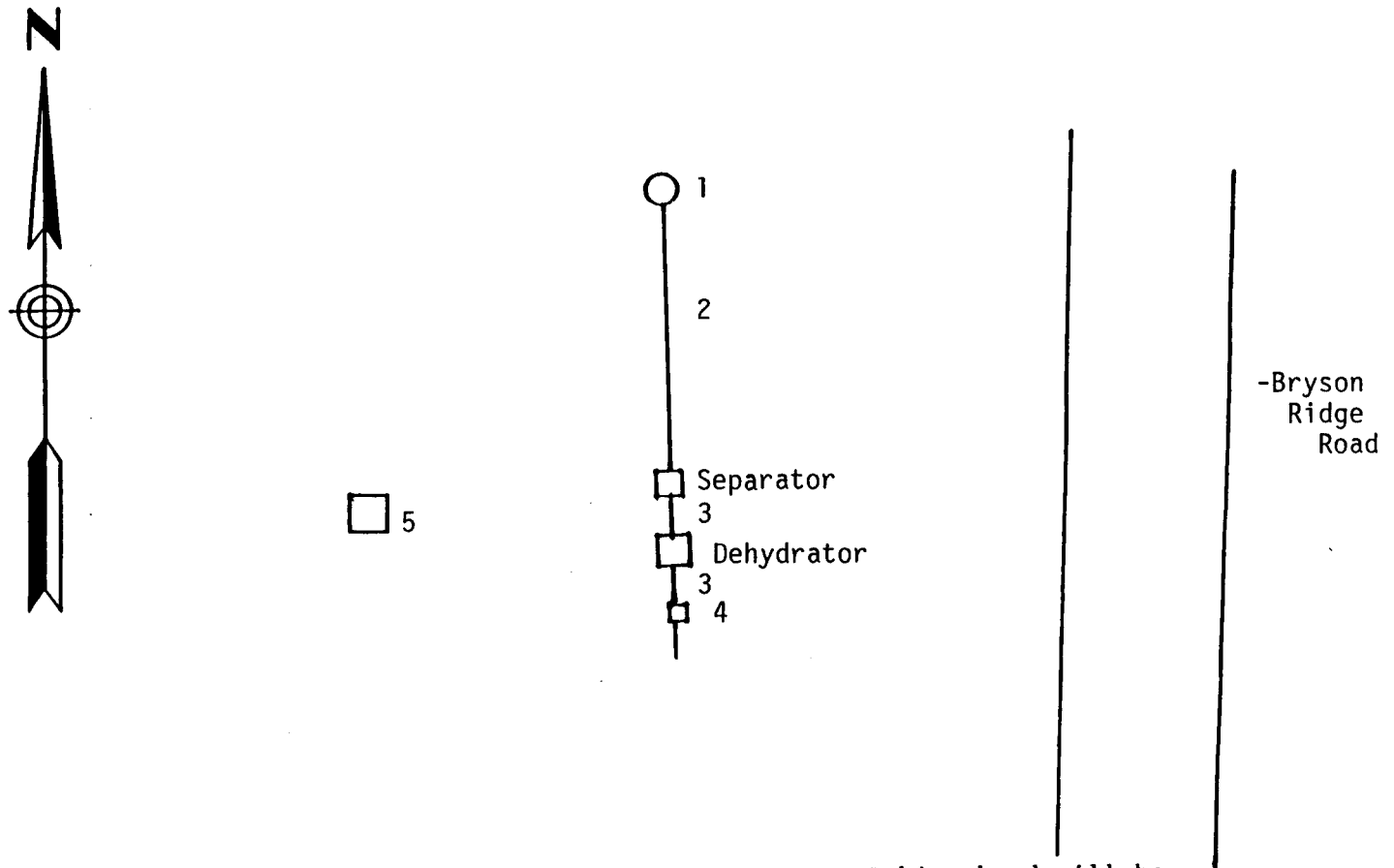
PLAT # 3
RIG LAYOUT



LONE MOUNTAIN PRODUCTION CO.
QUINOCO FEDERAL # 11-3

PLAT NO. 4

FACILITIES DIAGRAM



1. Wellhead will be a 6"-900 series flanged top. Tubing head will be 10"-900 x 6"-3000 psi with two 2" 3000 psi flanged valves. Tree will be 2" screwed x-2000 psi W.P.
2. Line between wellhead and separator will be approximately 100 feet in length and constructed of 2-3/8" .218 wall seamless, welded, wrapped and buried approximately 5 feet deep.
3. Line between separator and meter will be 2-3/8" OD seamless, .218 wall, welded, coated, wrapped and buried, and will be approximately 25 feet in length.
4. Meter run will be American 2" run, or equivalent, 1000 psi static rating, 100" of water differential rating.
5. Pit, if necessary, will be 10' x 10', enclosed by dikes and fenced.

WELL MAP

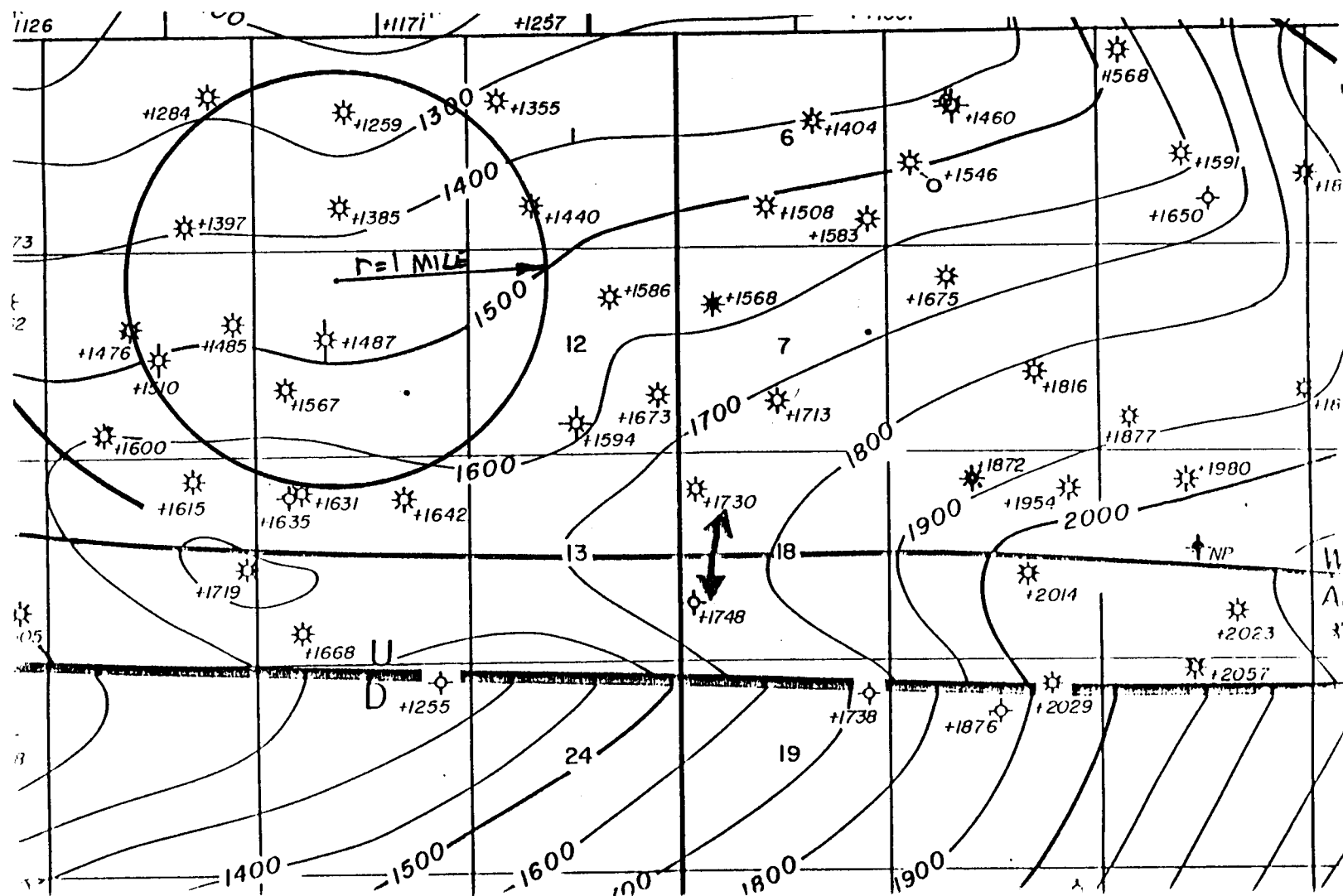
NW $\frac{1}{4}$ Section 2: Quinoco State No. 2-7

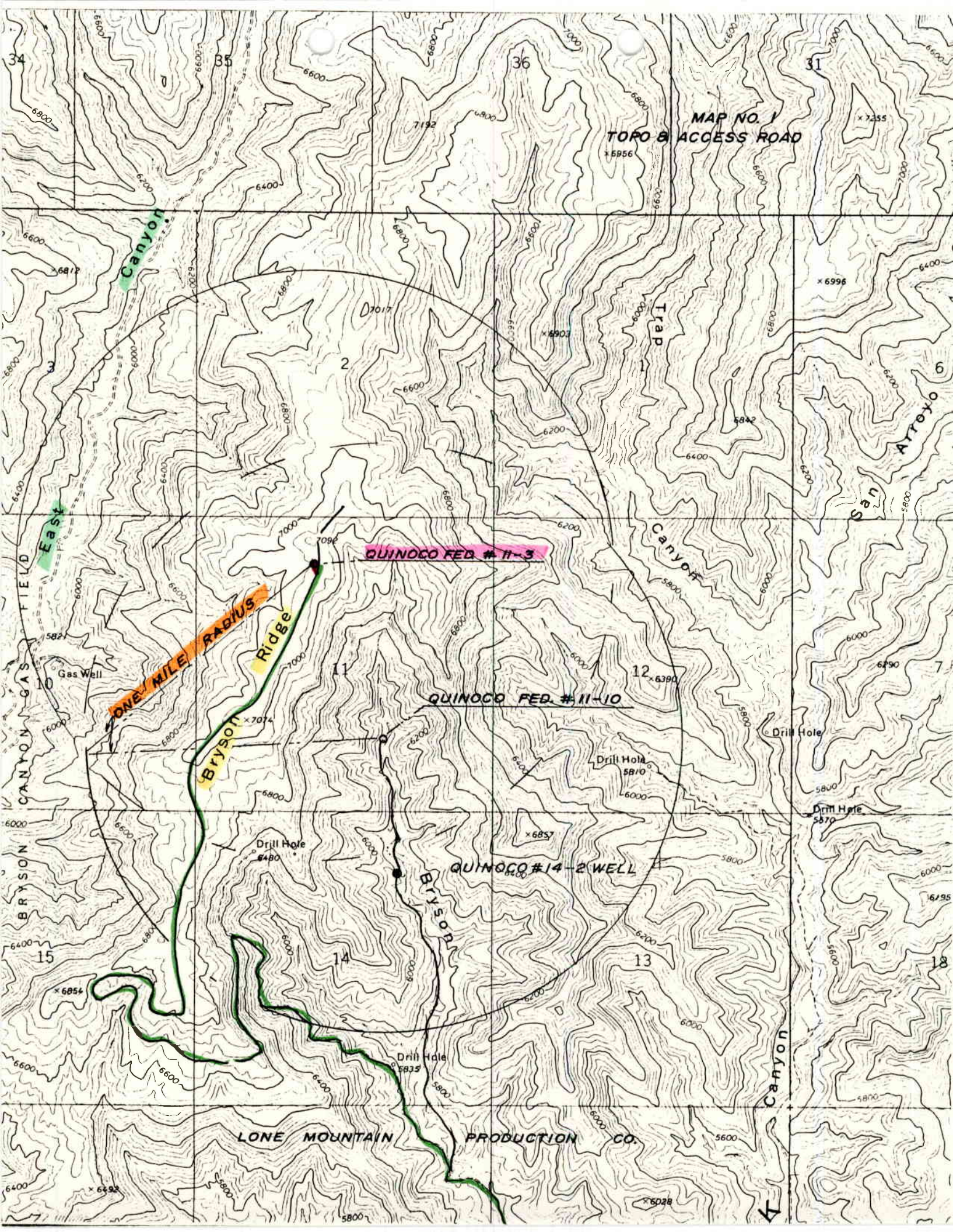
SE4 Section 3: Quinoco Federal No. 3-15

SE4 Section 10: Trend Oil Bryson Canyon Unit No. 9

SW 1/4 Section 11: Quinoco Federal No. 11-12

SE4 Section 11: Lone Mountain Federal No. 11-10 (proposed)





1000 1000

VICINITY MAP

PARALLEL

2,650,000

SOUTH

COUNTY

**T
15%
S**

GARFIELD

40

COUNTY

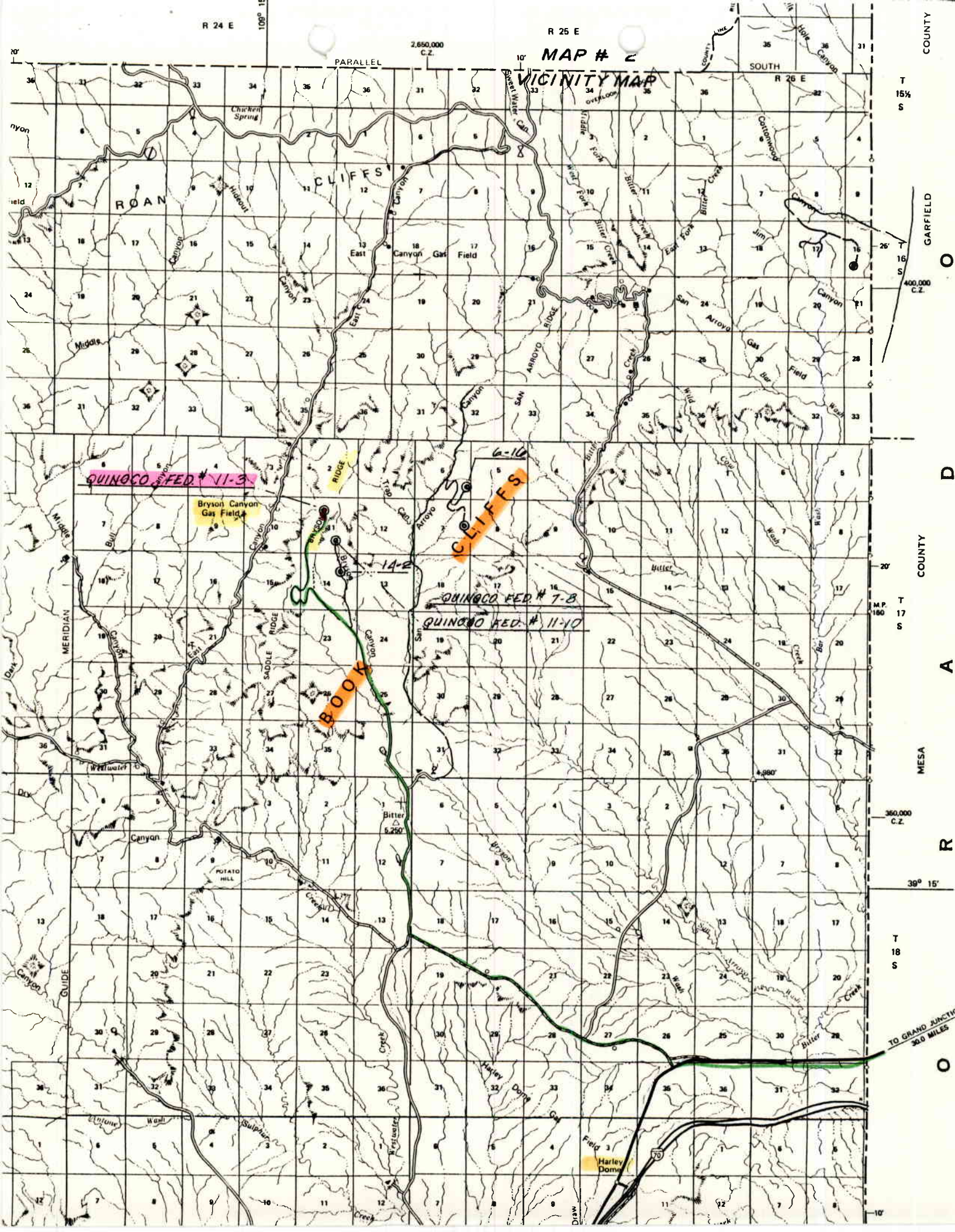
T
17
S

MESA

0,000

8

0 GRAND JUNCTION
30.0 MILES



040733

OPERATOR Lone Mountain Prod. Co. DATE 4-1-87

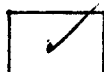
WELL NAME Federal 11-3

SEC NE NW 11 T 17S R 24E COUNTY Grand

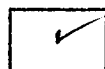
43-019-31240
API NUMBER

Fed.
TYPE OF LEASE

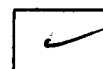
CHECK OFF:



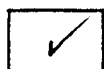
PLAT



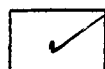
BOND



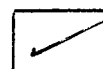
NEAREST
WELL



LEASE



FIELD



POTASH OR
OIL SHALE

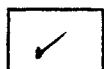
PROCESSING COMMENTS:

Comment 13-6
Water - Mack, Co.

APPROVAL LETTER:

SPACING: ☐ 203 _____ UNIT

☐ 302



13-6 8/28/86
CAUSE NO. & DATE



302.1

STIPULATIONS:

1- The Fed 11-3 shall be plugged before
the Fed. 11-3 goes on production.



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

April 6, 1987

Lone Mountain Production Company
408 Petroleum Building
P. O. Box 3394
Billings, Montana 59103

Gentlemen:

Re: Federal 11-3 - NE NW Sec. 11, T. 17S, R. 24E
888' FNL, 2050' FWL - Grand County, Utah

Approval to drill the referenced well is hereby granted in accordance with the Order of Cause No. 13-6 dated August 28, 1986, subject to the following stipulations:

1. The Federal 11-6 well, SE NW Sec. 11, T. 17S, R. 24E, shall be plugged and abandoned prior to producing the Federal 11-3 well.

In addition, the following actions are necessary to fully comply with this approval:

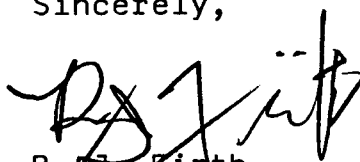
1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Director, (Home) 571-6068.
4. Prior to commencement of the proposed drilling operations, plans for toilet facilities and the disposal of sanitary waste at the drill site shall be submitted to the local health department having jurisdiction. Any such drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of all local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 533-6163.

Page 2
Lone Mountain Production Company
Federal 11-3
April 6, 1987

5. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-019-31240.

Sincerely,

A handwritten signature in dark ink, appearing to read 'R. J. Firth', is written over the typed name.

R. J. Firth
Associate Director, Oil & Gas

as
Enclosures
cc: Branch of Fluid Minerals
D. R. Nielson
8159T

050724

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. U-49534 <i>Duly</i>	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Lone Mountain Production Company			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 408 Petroleum Building, P.O. Box 3394, Billings, Montana 59103			8. FARM OR LEASE NAME Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 888' FNL, 2050' FWL At proposed prod. zone Same			9. WELL NO. 11-3	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 24 miles northwest of Mack, Colorado			10. FIELD AND POOL, OR WILDCAT Bryson Canyon	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) Lease Line: 432' Drilling Unit: 590'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NE 1/4 NW 1/4 Sec. 11-T17S-R24E SLM	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None			12. COUNTY OR PARISH Grand	
19. PROPOSED DEPTH 6000'			13. STATE Utah	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7061' GL, 7072' KB			17. NO. OF ACRES ASSIGNED TO THIS WELL 160	
22. APPROX. DATE WORK WILL START* May 31, 1987			20. ROTARY OR CABLE TOOLS Rotary	
23. PROPOSED CASING AND CEMENTING PROGRAM				

RECEIVED
MAY 04 1987

DIVISION OF
OIL, GAS & MINING

24. If the proposed well is to drill or deepen an existing well, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED <i>James J. Rouben</i>	TITLE <u>Petroleum Engineer</u>	DATE <u>March 25, 1987</u>
(This space for Federal or State office use)		
PERMIT NO. <u>43-019-31040</u>	APPROVAL DATE <u>APR 28 1987</u>	
APPROVED BY <u>/s/ James J. Francis</u>	TITLE <u>Acting District Manager</u>	DATE <u>APR 28 1987</u>
CONDITIONS OF APPROVAL, IF ANY:		

FLARING OR VENTING OF
GAS IS SUBJECT TO NTL 4-A
DATED 1/1/80

CONDITIONS OF APPROVAL ATTACHED

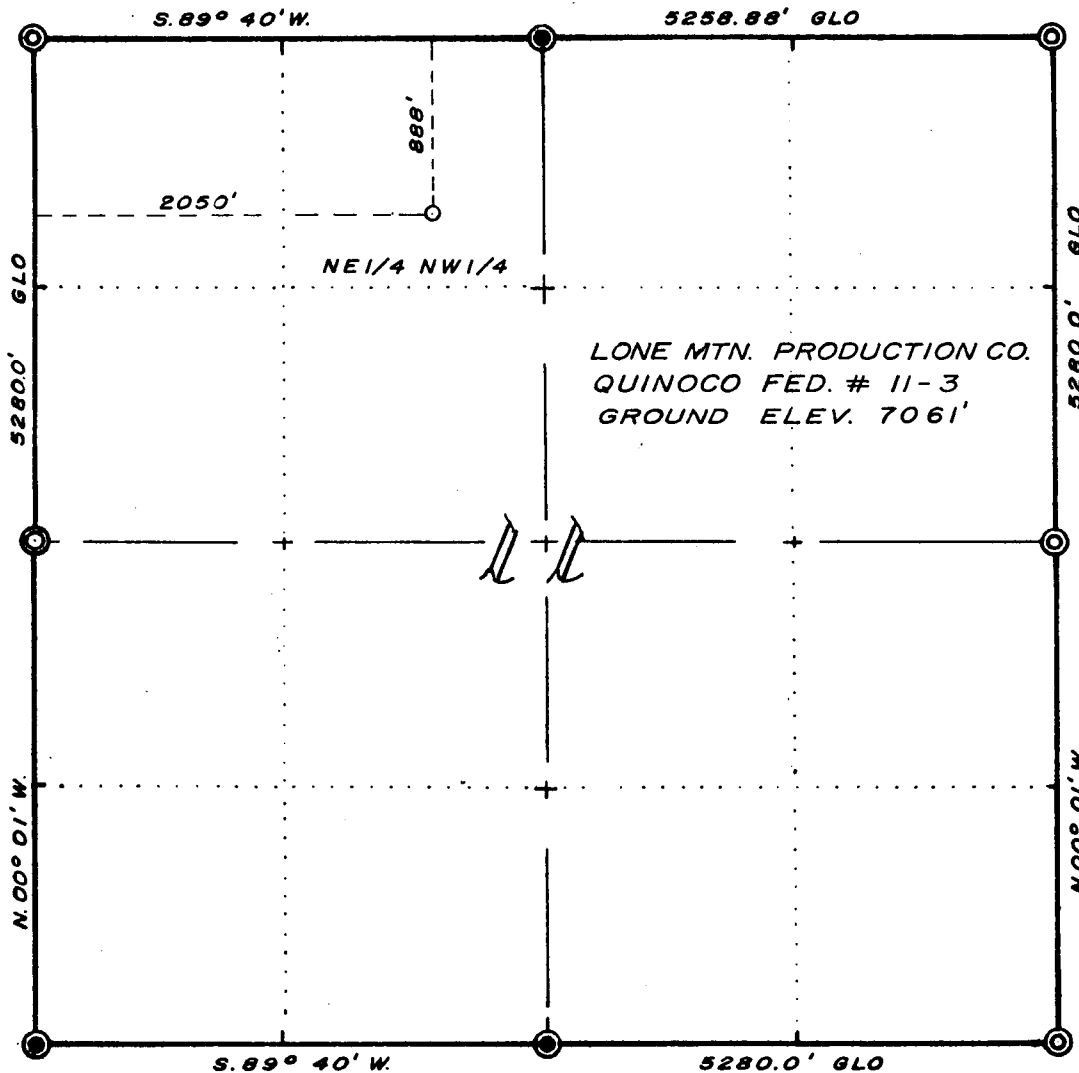
*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

PLAT # 1

SEC. 11, T. 17 S., R. 24 E. OF THE S.L.B.M.

LOCATION PLAT



SCALE



LEGEND

- ② STANDARD LOCATION OF GLO SECTION CORNERS
- ② GLO CORNERS FOUND
- WELL LOCATION STAKED.

REFERENCE DOCUMENTS

1926 GLO PLAT
BRYSON CANYON, UTAH
QUADRANGLE, USGS

THIS WELL LOCATION PLAT WAS PREPARED FOR LONE MTN. PRODUCTION CO.
TO LOCATE THE QUINOCO FEDERAL # 11-3, 888' F.N. L. &
2050' F.W. L. IN THE NE 1/4 NW 1/4, OF SECTION 11, T. 17 S., R. 24 E
OF THE SLBM GRAND COUNTY, UTAH

RECEIVED
MAY 04 1987

DIVISION OF
OIL, GAS & MINING

SURVEYOR'S CERTIFICATE

I, LARRY D. BECKER A REGISTERED LAND SURVEYOR IN THE STATE OF UTAH DO HEREBY CERTIFY THAT THIS SURVEY WAS MADE UNDER MY DIRECT SUPERVISION AND THAT THIS PLAT REPRESENTS SAID SURVEY.

Larry D. Becker
UTAH U.S. # 4189

SURVEYED	5/2/87	ENERGY SURVEYS & ENGINEERING CORP.	715 HORIZON DRIVE, SUITE 330 GRAND JUNCTION, CO 81501 (803) 245-7221	SCALE 1" = 1000'
DRAWN	3/5/87			JOB NO
CHECKED	3/5/87			SHEET OF

Lone Mountain Production Company
Well No. Federal 11-3
Sec. 11, T. 17 S., R. 24 E.
Grand County, Utah
Lease U-49534



DIVISION OF
OIL, GAS & MINING

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Lone Mountain Production Company is the bonded entity on this application. Liability will remain with the bonded party named above until we are formally notified by letter of the new bonded entity in reference to this Application for Permit to Drill.

A. DRILLING PROGRAM

All lease operations will be conducted in full compliance with applicable regulations (43 CFR 3100), Onshore Oil and Gas Order 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions and the approved plan will be made available to the field representative to insure compliance.

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the District Office. If operations are to be suspended, prior approval of the District Office will be obtained and notification given before resumption of operations.

The spud date will be reported orally to the District Office within a minimum of 24 hours prior to spudding. Written notification in the form of a Sundry Notice (Form 3160-5) will be submitted to the District Office within 24 hours after spudding. If the spudding occurs on a weekend or holiday, the written report will be submitted on the following regular work day.

In accordance with Onshore Order No. 1 this well will be reported on Form 3160-6, "Monthly Report of Operations", starting with the month in which operations commence and continued each month until the well is plugged and abandoned. This report will be sent to the District Office, P.O. Box 970, Moab, Utah 84532.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported to the Area Office in accordance with requirements of NTL-3A.

If a replacement rig is needed for completion operations, a Sundry Notice (Form 3160-5) to that effect will be filed for prior approval from the District Office, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig. In emergency situations verbal approval to bring on a replacement rig will be approved through the District Office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted to the District Office not later than thirty (30) days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the Moab District Manager.

If the well is to be completed for production the Area Office is to be contacted in order to set up a pre-production conference. When the well is placed in a producing status the District Office is to be notified by telegram or other written communication within five working days.

Approval to vent/flare gas during initial well evaluation will be obtained from the District Office. This preliminary approval will not exceed 30 days. Approval to vent/flare beyond this initial test period will require District Office approval pursuant to guidelines in NTL-4A.

No well abandonment operations will be commenced without the prior approval of the District Office. In the case of newly-drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the District Office. A Subsequent Report of Abandonment (Form 3160-5) will be sent to the District Office within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the Area Office, or the appropriate surface managing agency. Upon completion of approved plugging a dry hole marker will be erected in accordance with 43 CFR 3162.6. The top of the marker will be closed or capped. The following minimum information will be permanently placed on the marker; "Fed" or "Ind", as applicable, "Lease number", "Well number", location of well by 1/4 section, township, and range.

B. SURFACE USE PROGRAM

The operator will contact the Grand Resource Area at (801) 259-8193, forty-eight (48) hours prior to beginning any dirt work on this location.

Surface disturbance and vehicular travel will be limited to the approved location and access road. Any additional area needed will be approved by the Area Manager in advance.

Immediately upon completion of drilling, the location, and surrounding areas will be cleared of all remaining debris, materials, trash, and junk not required for production.

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the District Manager.

Gas meter runs for each well will be located within five hundred (500) feet of the wellhead. The gas flowline will be buried from the wellhead to the meter along with any other sections occurring on the pad. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three (3) months on new meter installations and at least quarterly thereafter. The Area Manager will be provided with a date and time for the initial meter calibration and all future meter-proving schedules. A copy of the meter calibration reports will be submitted to the Resource Area Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

The operator or his contractor will notify the Grand Resource Area at (801) 259-8193 forty-eight (48) hours before starting reclamation work that involves earthmoving equipment and upon completion of restoration measures.

Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface.

051414

DIVISION OF OIL, GAS AND MINING

43-019-31240

SPODDING INFORMATIONNAME OF COMPANY: LONE MOUNTAIN PRODUCTION CO.WELL NAME: FEDERAL #11-3SECTION 11 TOWNSHIP 17S RANGE 24E COUNTY GRANDDRILLING CONTRACTOR VECO DRILLINGRIG # 2SPUDDED: DATE 5/11/87TIME 7:00 pmHOW Rotary

DRILLING WILL COMMENCE _____

REPORTED BY Jim RoustonTELEPHONE # 406-245-5077DATE 5/12/87 SIGNED SBH

BUREAU OF LAND MANAGEMENT

U-49534

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

051902

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

No. 11-3

10. FIELD AND POOL, OR WILDCAT

Bryson Canyon

11. SEC., T., R., M., OR PLK. AND SURVEY OR AREA

NE/4 NW/4 Sec. 11-T17S-R24E

12. COUNTY OR PARISH 13. STATE SLM

Grand

Utah

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR
Lone Mountain Production Company

3. ADDRESS OF OPERATOR
P. O. Box 3394, Billings, Montana 59103

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface
888' FNL, 2050' FWL

14. PERMIT NO.
43-019-31240

15. ELEVATIONS (Show whether DF, RT, OR, etc.)
7061 GL, 7072 KB

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZING

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

Spud Notice

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

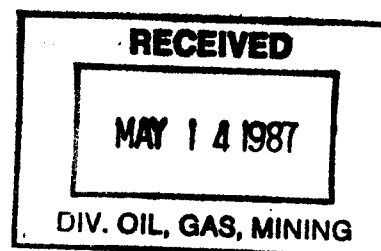
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

✓ Spudded 12½" hole @ 7:00 P.M., May 11, 1987. Drilled to 222' KB.
Ran 95/8", 40#, L-S- casing to 218'. Cemented with 150 sack class "G", 3% CaCl₂,
1# celloflake/sack. Good cement to surface.

Veco Drilling Co. Rig No. 2

Notified Verlene Butts, BLM, Moab Utah @ 9:00 A.M. 5/12/87

Notified Sandy Hunt, Utah Division of Oil, Gas & Mining @ 9:15 A.M. 5/12/87



18. I hereby certify that the foregoing is true and correct

SIGNED

James G. Routson

TITLE Petroleum Engineer

DATE May 12, 1987

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

LONE MOUNTAIN PRODUCTION COMPANY

P.O. BOX 3394
408 PETROLEUM BUILDING
BILLINGS, MONTANA 59103-3394
(406) 245-5077

RECEIVED
MAY 22 1987

May 20, 1987

**DIVISION OF
OIL, GAS & MINING**

Division of Oil, Gas & Mining
State of Utah
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180

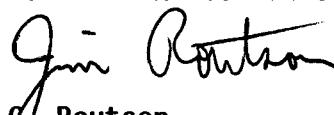
Attention: Ron Firth

Dear Ron:

Enclosed is a Sundry Notice status report and a Report of Water Encountered for our Federal No. 11-3 well in Section 11, T17S-R24E, Grand County, Utah. These notices are submitted in duplicate.

Very truly yours,

LONE MOUNTAIN PRODUCTION COMPANY


James G. Routson

/lw

Enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate
(Other instructions on
reverse side)

Budget Bureau No. 1001-01.5
Expires August 31, 1985

6. LEASE DESIGNATION AND SERIAL NO

U-49534

8. IF INDIAN, ALLOTTEE OR TRIBE NAME

052602

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

No. 11-3

10. FIELD AND POOL, OR WILDCAT

Bryson Canyon

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

NE/4 NW/4 Sec. 11-T17S-R24E

12. COUNTY OR PARISH 13. STATE

Grand

Utah

SLM

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

LONE MOUNTAIN PRODUCTION COMPANY

3. ADDRESS OF OPERATOR

P.O. Box 3394, Billings, Montana 59103

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

See also space 17 below.
At surface

888' FNL, 2050' FWL

14. PERMIT NO.

43-019-31240

15. ELEVATIONS (Show whether DF, RT, OR, etc.)

7061 GL, 7072 KB

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETION

ABANDON*

CHANGE PLANE

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

Status Report X

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Drilled 8 3/4' hole to 2285'. Ran 7", 23#, J-55 casing to 2277'. Cemented with 150 sacks 50-50- poz, 3% CaCl₂.

Drilled 6 1/2" hole to 6000'. Ran 4 1/2", 11.6#, N-80 casing to 5995'. Cemented with 175 sacks 10-0 thixotropic.

Rig released at 1:00 P.M., May 19, 1987

Log Tops:	Castlegate:	2051	(+5021)
	Mancos	2280	(+4792)
	Dakota Silt	5594	(+1478)
	Dakota Sand	5666	(+1406)
	Morrison	5860	(+1212)

Plan to start completion about May 27, 1987

18. I hereby certify that the foregoing is true and correct

SIGNED

James G. Routson

TITLE

Petroleum Engineer

DATE

May 20, 1987

(This space for Federal or State office use)

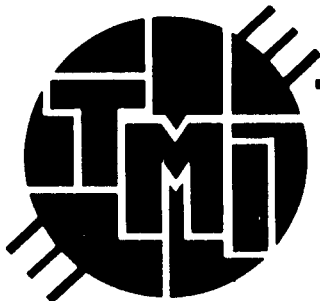
APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side



Technology Management Inc.

Consulting Engineers and Chemists

526 20th Road, Grand Junction, Colorado 81503 (303) 242-6154

To: LONE MOUNTAIN PRODUCTION
P.O. BOX 3394
BILLINGS, MONTANA 59103

Date: JUN. 8, 1987
Number: TMI/LMP 87-9

GAS ANALYSIS

COMPANY: LONE MTN. PROD.

SUBMITTED BY: RALPH SNOW

SAMPLE IDENTIFICATION: FED. 11-3

DATE SAMPLED: JUN. 2, 1987

DATE RECEIVED: JUN. 3, 1987

DATE TESTED: JUN. 3, 1987

CAL. NUMBER	NAME	MOLE %, /100=X	IDEAL GAS SPECIFIC GRAVITY, G	IDEAL GROSS HEATING VALUE, DRY, BTU/SCF (60F and 760 mm Hg), H	COMPRESSIBIL-ITY FACTOR @ STP, Z	SUMMA- COMP- SP.GR. VALUE LIQ./			
						ES. F	FRACT- ION.	FRACT- ION.	SCF
						FACTOR	ION.	ION.	
						,SQR b	X SQR b	X G	X H
1	HYDROGEN	0	.0696	325.02	1.0006		0	0	
2	PROPANE	.681	1.5225	2517.5	.982	.1342	9.1E-4	.01037	17.144
4	ISO-BUTANE	.14	2.0068	3252.7	.9696	.1744	2.4E-4	.00281	4.5538
5	HYDROGEN SULFIDE	0	1.1765	637	.9903	.0985	0	0	0
6	N-BUTANE	.117	2.0068	3262.1	.9667	.1825	2.1E-4	.00235	3.8167
10	ISO-PENTANE	.06266	2.4911	4000.3	.9482	.2276	1.4E-4	.00156	2.5066
11	N-PENTANE	.03167	2.4911	4009.6	.9435	.2377	7.5E-5	7.9E-4	1.2698
12	CARBON DIOXIDE	.988	1.5195		.99432	.064	6.3E-4	.01501	0
14	ETHANE	3.423	1.0382	1768.8	.9916	.0917	.00314	.03554	60.546
15	OXYGEN	0	1.1048		.99927	.027	0	0	0
16	NITROGEN	.425	.9672		.99973	.0164	7.0E-5	.00411	0
17	METHANE	94.132	.5539	1009.7	.9981	.0436	.04104	.52140	950.45
19		0	3.4596	5502.8	.92	.283	0	0	0
20	C6 +	0	2.9753	4756.2	.92	.283	0	0	0
21		0	2.9753	4746	.92	.283	0	0	0
TOTALS		100.00				.04647	.59393	1040.3	.30367

NOTES: Z= .99784. IDEAL SPECIFIC GRAVITY OF MIXTURE = .59393. REAL SPECIFIC GRAVITY OF MIXTURE = .59497

IDEAL GROSS HEATING VALUE, DRY BASIS, PER SCF (60F & 760 mm Hg) = 1040.3. REAL GROSS, DRY HEATING VALUE = 1042.5

TO CONVERT EITHER THE IDEAL OR REAL DRY, GROSS HEATING VALUE TO SATURATED BASIS @ STP, MULTIPLY EITHER BY 0.9826.
THE VALUES AND CALCULATION METHODS USED IN THIS REPORT ARE THOSE GIVEN IN GPA PUBLICATIONS 2145-82 AND 2172-76.

RESPECTFULLY SUBMITTED,

Carlton C. Chambers
CARLTON C. CHAMBERS, P.E.
PRESIDENT

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

3

5. LEASE DESIGNATION AND SERIAL NO.

U-49534

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

UNIT AGREEMENT NO. 070729

8. FARM OR LEASE NAME

Federal

9. WELL NO.

No. 11-3

10. FIELD AND POOL, OR WILDCAT

Bryson Canyon

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

NE1/4NW1/4 Sec. 11: T17S-R24E

12. COUNTY OR PARISH

Grand

13. STATE

Utah

1a. TYPE OF WELL:

OIL WELL ☐ GAS WELL ☒ DRY ☐

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

JUL 02 1987

2. NAME OF OPERATOR

Lone Mountain Production Company

DIVISION OF
OIL, GAS & MINING

3. ADDRESS OF OPERATOR

408 Petroleum Bldg., P.O. Box 3394, Billings, MT 59103

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 888' FNL, 2050' FWL

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

43-019-31240

DATE ISSUED

4-6-87

15. DATE SPUDDED

5-11-87

16. DATE T.D. REACHED

5-18-87

17. DATE COMPL. (Ready to prod.)

6-4-87

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

7061' GL, 7072' KB

19. ELEV. CASINGHEAD

7062'

20. TOTAL DEPTH, MD & TVD

6000'

21. PLUG, BACK T.D., MD & TVD

5942'

22. IF MULTIPLE COMPL., HOW MANY*

--

23. INTERVALS DRILLED BY

→

ROTARY TOOLS

0 - 6000'

CABLE TOOLS

none

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Dakota Sandstone - 5805 - 5850'

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-FDC-CNL, DIL, GR-CBL-VDL

6-9-87

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36# J-55	222'	12-1/4"	150 sx "G" 3% CaCl ₂	none
7"	23# J-55	2227'	8-3/4"	150 sx 50-50 Poz 3% CaCl ₂	none
4-1/2"	11.6# N-80	5995'	6-1/4"	175 sx RFC	none

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					2-3/8"	5861'	5800'

31. PERFORATION RECORD (Interval, size and number)

5805 - 5850', 46 holes, .375" diameter

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
none	

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
6-3-87		Flowing					Shut in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
6-10-87	24	1/4"	→	0	1029	0	--	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
705 psig	740 psig	→	0	1029	0	--		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented

TEST WITNESSED BY

Dave Terrell

35. LIST OF ATTACHMENTS

Gas analysis (logs forwarded direct by service companies)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

James G. Routson

TITLE

James G. Routson,
Petroleum Engineer

DATE

6-15-87

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Dakota	5805'	5850'	Gas.	Castlegate Mancos Dakota Silt Dakota Sand Morrison	2051 2280 5594 5666 5860	(+5021) (+4792) (+1478) (+1406) (+1212)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
3 TRIAD CENTER, SUITE 350
SALT LAKE CITY, UT 84180-1203

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Federal No. 11-3

Operator Lone Mountain Production Company Address Box 3394, Billings, MT 59103

Contractor Veco Drilling Company Address P.O. Box 1705, Grand Junction, CO 81502

Location NE 1/4 NW 1/4 Sec. 11 T. 17S R. 24E County Grand

Water Sands

<u>Depth</u>	<u>Volume</u>	<u>Quality</u>
From To	Flow Rate or Head	Fresh or Salty
1. <u>No water sands encountered.</u>		
2. _____		
3. _____		
4. _____		
5. _____		

(Continue on reverse side if necessary)

<u>Formation Tops</u>	Castlegate	2051 (+5021)	Dakota Sand	5666 (+1406)
	Mancos	2280 (+4792)	Morrison	5860 (+1212)
	Dakota Silt	5594 (+1478)		

Remarks

NOTE: (a) Report on this form as provided for in Rule 806, Oil and Gas Conservation General Rules.

(b) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

DEPARTMENT OF THE INTERIOR (Reverse side)
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.

U-49534

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

102731

SGW

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED
OCT 15 1987

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Lone Mountain Production Company	8. FARM OR LEASE NAME Federal
3. ADDRESS OF OPERATOR 408 Petroleum Bldg., P.O. Box 3394, Billings, WY 82002	9. WELL NO. 11-3
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 888' FNL, 2050' FWL	10. FIELD AND POOL, OR WILDCAT Bryson Canyon
14. PERMIT NO. 43-019-31240	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NE 1/4 NW 1/4 Sec. 11: T17S-R24E
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 7061' GL, 7072' KB	12. COUNTY OR PARISH Grand
	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANE	<input type="checkbox"/>
(Other)			

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other)		REPORT OF FIRST PRODUCTION	<input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

FIRST DELIVERED (TO NORTHWEST PIPELINE COMPANY) AT 2:00 PM, OCTOBER 9, 1987.

TELEPHONED TO STEVE JONES, BLM, MOAB, UTAH, OCTOBER 9, 1987 AT 3:45 PM.

18. I hereby certify that the foregoing is true and correct

SIGNED James G. Routson
(This space for Federal or State office use)

TITLE Petroleum EngineerDATE 10/12/87

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.